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## Patent Abstracts of Japan

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APPLICANT : NIPPON SYNTHETIC CHEM IND CO LTD:THE;

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TITLE : NEW PEPTIDE, ITS PRODUCTION AND USE OF THE SAME PEPTIDE

ABSTRACT : NEW MATERIAL:A peptide having Pro-Arg-His-Gln-Gly skeleton.

EXAMPLE: A peptide having the formula, H-Ile-Val-Gly-Arg-Pro-Arg-His-Gln-Gly- OH.

USE: Useful for an angiotensin-transferring enzyme inhibitor as preventive or therapeutic agent, or anti hypertensive agent of hypertension, etc., with a slight side effect. Said inhibitor is preferably administrated orally.

PREPARATION: At first, a protein (preferably actin) is homogenized in hot water and thermolysin is added, then hydrolyzing reaction is performed at 10-85°C for 0.1-48hr. Next, said hydrolyzed solution is centrifuged and concentrated, and then purified by subjecting to high-performance liquid chromatography, etc.